

## ABSTRACT OF THE DISCLOSURE

A gray level conversion/diffusion circuit diffuses the difference between a non-display gray level and a display gray level by error diffusion processing when a video signal is a video signal of the non-display gray level, a video signal-sub-field corresponder converts a video signal of one field after diffusion to a video signal every sub-field, and a sub-field processor, a scanning and sustain driving circuits and a data driving circuit make a discharge cell of a plasma display panel emit light or emit no light every sub-field in response to the video signal every sub-field.

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